AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

Claim 1. (Previously Amended) An in-house subsystem in at least one of a mobile radio network and a wired communication network, comprising:

a fixed home base station;

at least one repeater station;

at least one mobile station; and

at least one transmission/reception antenna for connection either to the at least one mobile station or to the at least one repeater station,

the fixed home base station having at least one connection means to an external telecommunication network and at least one transmission/reception antenna for internal connection to the at least one repeater station,

the at least one repeater station having at least one connection element for connection either to one of the home base station or to another repeater station,

and

the at least one mobile station having one of the transmission/reception antennas for communication with at least one of the mobile radio network or with a repeater station, wherein the elements of the subsystem have means which automatically organize the splitting of system resources between the fixed home base station, the at least one repeater station and the at least one mobile station.

Claim 2. (Previously Amended) The subsystem as claimed in claim 1, wherein the means for automatic organization at least comprise an algorithm for automatically splitting the system resources between intermediate connections present in the fixed home base station, the at least one repeater stations and the at least one mobile station, each element of the subsystem automatically using the system resources on the basis of the same algorithm.

Claim 3. (Previously Amended) The subsystem as claimed in claim 1, wherein the connection means in the fixed home base station is a transmission/reception unit for wireless communication with at least one of the mobile radio network or the wired connection to a landline telecommunication network.

Claim 4. (Currently Amended) The subsystem as claimed in claim 1, wherein one connection element in the repeater station is at least one of the transmission/reception antenna [[~~a~~]] and cable connection.

Claim 5. (Previously Amended) The subsystem as claimed in claim 1, wherein, in the case of at least one line of connection, the communication from the fixed home base station to the mobile station is routed via at least one repeater station.

Claim 6. (Previously Amended) The subsystem as claimed in claim 1, wherein the system resources split among one another include at least different frequencies.

Claim 7. (Previously Amended) The subsystem as claimed in claim 1, wherein the system resources split among one another include at least different timeslots.

Claim 8. (Previously Amended) The subsystem as claimed in claim 1, wherein the system resources split among one another include at least different Code Division Multiple Access codes.

Claim 9. (Previously Amended) The subsystem as claimed in claim 1, wherein each mobile station, each repeater station and the fixed home base station have a respective personal

identification number and the repeater stations and/or the fixed home base station has a means for distinguishing between mobile stations with access authorization and mobile stations without access authorization.

Claim 10. (Previously Amended) The subsystem as claimed in claim 9, wherein the means for distinguishing between mobile stations with access authorization and mobile stations without access authorization has a data memory which includes the personal identification number of mobile stations with access authorization.

Claim 11. (Currently Amended) The subsystem as claimed in claim 1, wherein the subsystem is connected to the mobile radio network on the basis of a Frequency Division Duplex method and the connection in the subsystem is based on a Time ~~Frequency~~ Division Duplex method.

Claim 12. (Previously Amended) The subsystem as claimed in claim 1, wherein, in the case of one repeater station, said repeater station has means for implementing transfer and/or acceptance of the mobile station to/by the fixed home base station.

Claim 13. (Previously Amended) The subsystem as claimed in claim 1, wherein in the case of at least two repeater stations, said repeater stations have means for implementing connection transfer for the mobile station among the repeater stations.

Claim 14. (Previously Amended) The subsystem as claimed in claim 1, wherein at least one repeater station has means for implementing connection transfer and connection acceptance for the mobile station between the mobile radio network and the repeater stations.

Claim 15. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem is associated with a Global System for Mobile Communications network.

Claim 16. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem is associated with a Universal Mobile Telecommunications System network.

Claim 17. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem's landline network connection is associated with a Integrated Services Digital Subscriber Line network.

Claim 18. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem's landline network connection is associated with a Public Switched Telephone Network.

Claim 19. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem's landline network connection is associated with a power supply network/powerline network.

Claim 20. (Previously Amended) The subsystem as claimed in claim 1, wherein the subsystem's landline network connection is associated with a Digital Subscriber Line/Asymmetric Digital Subscriber Line network.

Claim 21. (Previously Amended) A method for communication in a subsystem of at least one of a mobile network and a wired communication network, the subsystem comprising: a home base station; at least one repeater station; and at least one mobile station,

where the home base station maintains a connection to at least one of a mobile radio network and a landline network, and forwards the connection to the at least one mobile station using the at least one repeater station, wherein one repeater station automatically splits the resources.

Claim 22. (Previously Amended) The method as claimed in claim 21, wherein the resource splitting includes splitting used frequencies and/or used timeslot and/or Code Division Multiple Access code.

Claim 23. (Previously Amended) The method as claimed in claim 21, wherein the mobile station or home base station which initiates the logical connection setup starts the automatic use of the resources between itself and the next connection element in the logical connection chain,

and, if there are one or more repeater stations in the logical line of connection, the respective repeater station performs channel setup for the next element, including automatic resource use.

Claim 24. (Previously Amended) The method as claimed in claim 21, wherein a repeater station serves a plurality of mobile stations at the same time.

Claim 25. (Previously Amended) The method as claimed in claim 21, wherein the repeater station transmits on a Broadcast Control Channel a list of resources already used which cannot be used by the mobile station initiating a connection.

Claim 26. (Previously Amended) The method as claimed in claim 21, wherein the connection setup is initiated from the landline network and/or mobile radio network incoming call.

Claim 27. (Previously Amended) The method as claimed in claim 21, wherein it is carried out for the connection setup is initiated by the subsystem outgoing call.

Claim 28. (Previously Amended) The method as claimed in claim 21, wherein the subsystem performs the connection transfer procedures between various repeater stations and/or between a repeater station and the home base station.